

Attachment 5, Proposed Policy Text Changes

Policy 2.3.1d. Farmland Preservation. In order to help prevent the loss of rural landscapes and agricultural lands, and to better direct development to locations where urban services can be provided more efficiently, the Board of County Commissioners shall employ conservation easements to assist in the preservation of farmland.

- i. The Farmland Protection Board shall review all requests for conservation easements to determine if the property is prime farmland; and
- ii. Any property identified as prime farmland by the Farmland Preservation Board that is purchased in fee simple or through an easement by a Governing Body ~~or is included in a Voluntary Agricultural District~~ shall be designated Agriculture on the Future Land Use Map with a maximum development potential as a farmstead.

Policy 2.5.2d. ~~Voluntary Agricultural District Updates.~~ Through the Unified Development Ordinance, allow for any land ~~accepted as a Voluntary Agricultural District by the Farmland Preservation Board (Cooperative Extension, or however)~~ for which an agricultural easement has been recorded to be designated as Agricultural on the Future Land Use Map through the Evaluation and Assessment Report process.

Policy 3.1.1d. Energy Efficient Housing with City funds. The City's Department of Community Development and the City-County Office of Sustainability shall continue to require minimum energy-efficiency standards in all newly constructed housing developed with assistance from the City and shall continue to promote energy efficiency improvements to the existing housing stock. All gut rehabilitation or new construction of residential buildings up to three stories must be designed to meet the standard for Energy Star Qualified New Homes. All gut rehabilitation or new construction of mid- or high-rise multifamily housing must be designed to meet ASHREA Standard 90.1-2004, Appendix G plus 20 percent.

~~Policy 3.6.2b. Vacant Housing Stock.~~ ~~The City Department of Neighborhood Improvement Services shall monitor the City's housing stock to identify neglected vacant housing and shall maintain a database listing those properties. The database shall be used to prioritize code enforcement actions.~~

Policy 4.1.1k. Design Standards for Government Projects. In order to enhance their design and appearance, the City-County Planning Department shall establish architectural and streetscape standards for all proposed major public development projects that do not otherwise require review by the Historic Preservation Commission, including buildings, Durham-funded parking projects, public signage programs, significant state projects, excluding university or college projects within an Internal Campus, and NC DOT projects within Durham County.

Policy 5.1.1c. Creative Partnerships for Historic Preservation. The City-County Planning Department, ~~and~~ the City Office of Economic and Workforce Development and other departments as appropriate shall develop and use creative partnerships with private, public and nonprofit partners to preserve and protect historically significant properties.

Policy 6.1.1b. Neighborhood and Environmental Impact. In evaluating economic development proposals, the City and County shall consider the impacts on neighborhoods and environmental protection as well as job and tax base growth. Preference should be given in certain cases to projects that implement energy-efficient practices and recyclable building techniques.

Policy 6.1.1e. Targeted Redevelopment. The City Office of Economic and Workforce Development and the Chamber of Commerce (or other Durham County designated agent) shall promote and create financial and other incentives for the redevelopment of the Downtown and Compact Neighborhood Tiers, community development areas, and existing commercial areas, considering in particular opportunities for adaptive reuse and ~~for small businesses on~~ infill sites. See Map 6-1, Economic Development Target Areas.

Policy 6.1.1h. Target Area Evaluation. The City Office of Economic and Workforce Development and the City-County Planning Department shall reassess as needed at least every five years the established community development target areas for purposes of targeting economic development incentives.

Policy 6.1.2a. Plan to Nurture Minority-owned , and Women-Owned, and other Durham-based Businesses. The City Office of Economic and Workforce Development and the City Department of Equal Opportunity/Equity Assurance shall work with minority and women entrepreneurs as well as other Durham-based businesses to ensure that they are aware of economic development programs offered through the City by developing and implementing a plan to nurture minority and women business enterprises in the City.

Policy 6.1.4b. Local Employers Training Needs. The Durham JobLink Career Center System, under the auspices of the Durham ~~The Workforce Development Board,~~ and City Office of Economic and Workforce Development and public and private sector partners shall work with local businesses ~~employers~~ to identify their needs and assist in the communication of those needs to educational institutions to ensure a better-prepared workforce.

Policy 6.1.4c. Bilingual Education and Training. The Durham JobLink Career Center System under the auspices of the Durham Workforce Development Board, ~~and~~ City Office of Economic and Workforce Development and public and private sector partners shall encourage bilingual education and training in recognition of the increased influence of Durham's Hispanic and Latino community.

Policy 6.1.4d. State of the Durham Economy. The City Office of Economic and Workforce Development shall continue to work with economic development partners to plan and hold the ~~annual~~ State of the Durham Economy presentation to educate the citizens and the business community about Durham's economic development opportunities.

Policy 7.1.1a. Environmental Indicators. The City-County Planning Department, the City Department of Public Works, and the County Engineering Department ~~and County Storm Water Services,~~ and the City Department of Water Management, in conjunction with other City and County Departments, shall identify and publish a set of environmental indicators as proposed by the City-County Sustainability Office through the City and County Strategic Plans to establish a baseline and regularly monitor and assess changes in the quality of Durham's natural environment.

Policy 8.1.1b. Long-Range Metropolitan Transportation Plan. In order to coordinate the Durham Comprehensive Plan with long range transportation planning, the City and County hereby adopt and include by reference in the Durham Comprehensive Plan the most recent "Durham-Chapel Hill-Carrboro MPO ~~Long-Range Metropolitan~~ Transportation Plan," as may be amended from time to time, including the recommended highway element transit component, fixed-guideway component, pedestrian and bicycle component, and travel demand management (TDM) and transportation systems management (TSM) policies. In preparation of long range transportation plans, the City-County Planning Department and the City Department of Transportation shall recommend transportation services and facilities to match the Tier designations and land uses identified in the Durham Comprehensive Plan.

Policy 8.1.1c. Implement the Long-Range Metropolitan Transportation Plan. The City Department of Transportation shall recommend transportation projects and programs that are consistent with the most recent ~~Long-Range Metropolitan~~ Metropolitan Transportation Plan.

~~**Policy 8.1.2c. Transportation Facilities Plan.** The City Department of Transportation shall prepare an updated Comprehensive Transportation Plan, to be called the Durham Transportation Facilities Plan, and to show locations for long range transportation facilities, including major thoroughfares, collector streets, fixed guideway transit routes, other transit routes, sidewalks, and bicycle routes. Upon adoption by the City and County, the Durham Transportation Facilities Plan shall be adopted and included by reference in the Durham Comprehensive Plan as the Official Map for purposes of right-of-way preservation.~~

~~Policy 8.1.2d. US 15-501 Major Investment Study. The City and County hereby adopt and include by reference in the Durham Comprehensive Plan the “US 15-501 Major Investment Study, Phase II Report” (as may be amended from time to time) and other companion corridor studies.~~

Policy 8.1.2e. Typical Roadway Cross Sections. For development in the City, the City Department of Transportation shall require right-of-way dedication in accordance with the typical roadway cross sections adopted by the City Council. In absence of a set of cross-sections adopted by the City Council, the City Department of Transportation and Public Works Department shall use the typical roadway cross-sections indicated in the “Fiscally Constrained ~~2035 Long-Range Metropolitan~~ Transportation Plan” (as may be amended from time to time) and emerging NC DOT Complete Streets Design Framework. The City Departments of Public Works and Transportation shall require construction of residential streets in accordance with the “City of Durham Reference Guide For Development,” (as may be amended from time to time). Reference Guide for Development updates shall include Complete Streets design guidelines. For development in the County, the City-County Planning Department shall require right-of-way dedication in accordance with the typical roadway cross section established by the NC Department of Transportation, including where appropriate the NC Department of Transportation “Traditional Neighborhood Development Design Guidelines.”

Policy 8.1.2g. Adopted Collector Street Plans. The City and County hereby adopt and include by reference in the Durham Comprehensive Plan the “Wake-Durham Comprehensive Street System Plan,” and the “Southwest Durham-Southeast Chapel Hill Collector Street Plan” (as may be amended from time to time).

Policy 8.1.2i. Transportation Plan Implementation. The City-County Planning Department and other City and County departments shall use the “~~Comprehensive~~ Transportation Facilities Plan,” the “Wake-Durham Comprehensive Street System Plan,” the “Southwest Durham-Southeast Chapel Hill Collector Street Plan” and other adopted collector street plans when evaluating new development and shall require that new development provide facilities in conformance with those collector street plans.

Policy 8.1.3e. ~~Regional Transit Plan~~ Triangle Regional Transit Program. The City and County shall support planning for and protection of the Locally Preferred Alternative ~~the~~ transit corridors identified through the Triangle Regional Transit Program. ~~in the most recently adopted version of the Durham County Bus and Rail Investment Plan.~~

Policy 8.1.4g. Public Education, Bicycling and Walking. The City Department of Transportation, the DCHC MPO and the Bicycle and Pedestrian ~~and Bicycle~~ Advisory Commission shall increase efforts to educate the public about the benefits of walking and bicycling.

Policy 9.1.1b. Public Water Level of Service Standard. Continue to operate and maintain water treatment and distribution facilities to provide an adequate supply of drinking water ~~170 gallons per capita per day~~ in full compliance with water quality standards established by the US Environmental Protection Agency and the State of North Carolina, and in accordance with City of Durham ~~City~~ engineering standards.

Policy 9.2.2b. Upgrade the Wastewater Collection System. The City’s Public Works and Water Management ~~Departments~~ shall continue to upgrade Durham’s wastewater collection system to meet collection needs, including constructing sewer lines by petition, constructing sewer lines, rehabilitating wastewater lines, and making wastewater collection system improvements in advance of street paving.

Policy 9.1.3a. Water Treatment Plant Capacity Expansion. The Department of Water Management shall continue to plan for increasing additional water treatment plant capacity with a target date for ~~operation by 2012~~ construction to begin in late 2013. Capacity expansions shall include upgrades to the City’s Brown Water Treatment Plant to provide for treatment of 42 million gallons per day. Additional long term options may include construction of a new plant at Jordan Lake and purchase of treatment capacity from Cary.

Policy 9.2.3a. Water Reclamation Plant ~~Renovation Upgrade~~. The Department of Water Management shall ~~renovate~~ upgrade the North Durham Water Reclamation Facility and the South Durham and South Durham Water Reclamation Facilities as needed to maintain efficient and cost-effective operation., ~~and The Durham County Engineering and Environmental Services Department shall renovate the Triangle Wastewater Treatment Plan as needed to maintain efficient and cost-effective operation.~~

Policy 9.3.1b. Water Conservation/Efficiency Program. The Department of Water Management Department shall continue to monitor and evaluate water consumption of all customers and the costs and effectiveness of adopted water ~~conservation actions~~ efficiency actions and program activities.

Policy 9.3.1c. Water Rates. The Department of Water Management shall continue to utilize a rate structure that encourages water ~~conservation~~ efficiency.

Policy 9.3.1d. Educate Households on Water ~~Conservation~~ Efficiency. In order to offset the economic impact of higher rates in the future, the City Manager's Office and the Department of Water Management shall provide households with information about how to save water.

Policy 9.3.1e. Provision of Household Water ~~Conservation~~ Efficiency Resources. In order to offset the economic impact of higher water rates in the future, the City Department of Water Management shall develop programs to provide households with water-saving devices such as high efficiency showerheads, faucet aerators, and provide incentives such as toilet rebate/credit programs.

Policy 9.4.4b. Development Review. The City Public Works Department and the County Engineering and Environmental Services Department shall continue to review new development proposals, specifically development plans, site plans, and construction drawings, to ensure compliance with City of Durham or Durham County stormwater requirements, including:

- i. Stormwater impact assessment requirements for peak flow control in the 1-yr ,2-yr ,10-yr, and 100-yr storm events;
- ii. Design of new best management practices (BMPs) to comply with requirements for watershed protection high density option; ~~and~~
- iii. ~~Neuse River Basin City of Durham~~ stormwater management performance standards , including Jordan, Falls and Lower Neuse basin requirements; ~~and~~
- iv. Impacts to riparian areas and floodplain areas to comply with requirements in the Unified Development Ordinance (UDO).

Policy 9.4.4c. Stormwater Impact. Through the Unified Development Ordinance, require that any person proposing new development assess potential flooding and water pollution impacts on existing downstream areas as a result of the new development. Prior to the approval of any preliminary plat or site plan, or the issuance of a building permit for any structure other than a single-family residence, the owner of the property proposed for development shall submit a Stormwater Impact Analysis which determines the impact of the increased stormwater runoff on downstream stormwater facilities and properties. The Stormwater Impact Analysis shall be required whenever:

- i. Proposed development anywhere in the County proposes to increase the peak runoff rate from ~~with~~ various storm events, including but not limited to the 2-year storm or the 10-year storm; or and
- ii. Proposed development in the Neuse and Cape Fear River basins ~~proposes~~ to increase peak runoff rate from the 1-year storm.

The Stormwater Impact Analysis shall comply with the requirements of the City Public Works Department Director or County Engineer, as appropriate. The City Public Works Department Director or County Engineer, as appropriate, shall determine the need for stormwater management facilities to address offsite impacts.

Policy 9.4.4f. Engineered Stormwater Controls, County-Wide. Engineered stormwater controls may be required for new development anywhere in the County at the discretion of the City Director of Public Works Department or the County Engineer, as appropriate, if the post-development peak runoff rate from the 2-year and 10-year storms increases ~~by more than 10 percent, such that there is no net increase.~~

Policy 9.4.4g. Stormwater Management and Redevelopment. The City Public Works and the City-County Planning Departments shall research and propose specific measures to remove disincentives to redevelopment associated with requirements for nutrient ~~nitrogen~~ reduction and stormwater management.

Policy 9.4.4h. Stormwater Credit. For new development other than single-family residential development, the City Public Works Department shall continue to offer a credit against the ratepayer's stormwater service fee for measures that ~~contribute to a reduction in~~ reduce peak discharge, ~~or an improvement in~~ improve water quality, above and beyond requirements ~~or for maintenance activities.~~

Policy 10.1.1a. Parks and Recreation Level of Service Standards, City. ~~The level of service standards indicated below in Table 10.1~~ Parks and Recreation shall establish Level of Service Standards in the Parks and Recreation Master Plan, ~~shall be established~~ as targets that the City shall strive towards in order to provide optimum access to recreational opportunities in the Durham community, meanwhile noting that adequate service areas for facilities are as critical as the number of facilities. The City Parks and Recreation Department shall review the level of service standards at regular intervals to ensure that they address community desires for parks and recreation facilities.

Table 10.1 Parks and Recreation Level of Service Standards		
Type of Facility	Level of Service Standard	Facility Needs By 2020
Adult baseball fields (lighted)	1 per 20,000 people	14 fields
Youth baseball/adult softball	1 per 5,000 people	54 fields
Ball fields (soccer and football)	1 per 5,000 people	54 fields
Basketball courts	1 per 5,000 people	54 courts
Tennis courts	1 per 2,000 people	135 courts
Picnic tables	1 per 125 people	2156 tables
Picnic shelters	1 per 2,000 people	135 shelters
Playgrounds	1 per 1,000 people	270 playgrounds
Trails	0.4 mile per 1,000 people	108 miles
Recreation Centers, with gym	1 per 25,000 people	11 centers
Swimming pools	1 per 20,000 people	14 pools
Golf courses, 18-hole	1 per 50,000 people	6 courses
Open Space/Park Lands	16 acres per 1,000 people	4312 acres
Dog Parks	1 per 50,000 people	6 parks
Skateboard Parks	1 per 100,000 people	3 parks

~~Note: Assumes 2020 City of Durham population of 270,000 people. These numbers are not intended to represent “minimally acceptable levels” of parks and recreation facilities; however, they are target numbers for our population as suggested by the National Recreation and Park Association to work toward for an optimum level of service for the Durham community. These numbers can be achieved by park facilities alone or by park facilities in combination with school facilities and possibly even private facilities when they can be used by the public. Existing facilities can be found in the Existing Conditions report.~~

Objective 10.1.2 Existing Park and Recreation Facilities

Upgrade existing park and recreation facilities to improve their safety, accessibility, and functionality, and provide a higher the highest possible level of maintenance for all park facilities within existing City resources.

Policy 10.1.2a. Capital Improvements Program, Existing Park Deficiencies. In the programming of capital facilities for parks, the City Parks and Recreation Department shall give equal priority ~~to upgrading and renovating existing facilities,~~ to developing new facilities for underserved areas, and providing innovative facilities to serve new recreation demands.

Policy 10.1.2b. City Parks Maintenance Standards. The City Parks and Recreation Department shall work ~~collaboratively with the City General Services Department~~ to establish minimum standards for maintenance of park and recreation facilities. These standards shall ensure that Durham citizens enjoy safe, well-maintained and aesthetically pleasing facilities. They shall include minimum standards for response times for maintenance requests, an effective request procedure, maintenance inspections, and maintenance frequencies of parks, community centers, greenway trails and special use facilities.

Policy 10.1.2c. City Adopt-a-Park and Adopt-a-Trail Programs. The City Parks and Recreation Department shall continue and expand its voluntary Adopt-a-Park and Adopt-a-Trail Programs to invite citizen participation and ownership in park and recreation facility care and maintenance. Coordination of these programs shall include both the City General Services Department, including its “Keep Durham Beautiful” program, and the Durham Police Department.

Policy 10.1.3a. New Park Facility Priorities. The City Parks and Recreation Department shall prepare a regularly updated master plan ~~an annual report~~ for the ~~governing bodies~~ City Council that identifies recommended locations for new and expanded parks, greenways, and community centers and recommended processes and timeframes for implementation. ~~in relation to underserved population concentrations and connections to existing facilities, both public and private.~~

Policy 10.1.4h. City Parks and Recreation Impact Fees. The City Parks and Recreation and Budget departments shall periodically assess impact fee zones to determine their appropriateness to current levels of service standards and population distributions.

Policy 10.1.6a. Parks and Recreation Marketing Plan. The City Parks and Recreation Department ~~and the County Engineering Department~~ shall develop a comprehensive marketing plan that provides citizens with information on parks, greenways, recreation programs and other services in Durham. This information shall be disseminated by means such as newsletters, program brochures, enhanced web site presence, and other media information.

Policy 12.1.1a. City Fire Protection Response Time. Maintain the following response times:

- i. A ~~six (6)~~ seven (7) minute emergency response time for the first arriving unit for 90% of ~~all~~ emergency incident occurrences in the metropolitan/urban response area; eight (8) minutes in suburban and/or rural response areas;

- ii. A ~~two (2)~~ three (3) minute turn out time for ~~100%~~ 90% of emergency incident occurrences (911 Center ~~one minute~~ 90 seconds call processing time plus ~~one minute~~ 90 seconds enroute time);
- iii. Four (4) minutes for actual travel time for 90% of occurrences in the metropolitan/urban response area;
five (5) minutes in the suburban and/or rural response areas.

Policy 12.1.1c. City Fire Station Locations. Determine the need for new City fire station sites based on the use of fire service jurisdiction assessment and fire data analysis software. ~~that include, at a minimum, the following factors:~~
Variables used in decisions include:

- i. Increases in development activity that would eventually rule out a 4 minute travel time;
- ii. Trends in adjoining service areas toward a rise in the number of calls, call type, and increasing travel times;
- iii. Building occupancy, design, and hazard;
- iv. Risk assessments and standard of coverage applications; and
- v. Increasing population or population density, and building values in the proposed fire service area.

~~**Policy 12.1.2c. City Fire Station Locations.** Determine the need for new City fire station sites based on the use of fire service jurisdiction assessment and fire data analysis software. Variables used in decisions include:~~

- ~~i. Increasing population or population density, and building values in the proposed fire service area.~~
- ~~ii. Building occupancy, design, and hazard;~~
- ~~iii. Increases in development activity that would eventually rule out a four (4) minute travel time;~~
- ~~iv. Trends in adjoining service areas toward a rise in the number of calls, call type, and increasing travel times;~~
~~and~~
- ~~v. Risk assessments and standard of coverage applications.~~

~~**Policy 12.1.2d. Fire Hydrant System.** Reduce the level of risk by maintaining the hydrant system with adequate fire flows.~~

Policy 12.2.1a. EMS Response Time. The Durham Emergency Medical Services Department shall maintain a County-wide total response time of ~~8:59~~ 12:59 minutes or less.

~~**Policy 14.1.3c. Libraries and Co-Location.** In order to maximize accessibility, the Durham County Library shall explore opportunities for co-location of libraries with other government and community facilities, such as schools, parks, and community centers.~~

Table 15-1 Summary of Level of Service Standards

Service	Level of Service Standard	Element Reference
Open Space	Require preservation of open space appropriate to the intensity of development in each Tier, consistent with Table 7-1, Open Space Level of Service Standards, or other adopted open space plans. Provide for the acquisition of farmland conservation easements	Chapter 7, Conservation and Environment Element
Transportation	Provide road capacity at levels of service consistent with Table 8-1, Traffic Level of Service Standards.	Chapter 8, Transportation Element
Water Supply	Continue to operate and maintain water treatment and distribution facilities to provide <u>an adequate supply of drinking water</u> 170 gallons per capita per day consistent with Federal and State standards.	Chapter 9, Water and Wastewater Element
Wastewater Treatment	Continue to treat wastewater and resulting effluent and sludge to meet or exceed Federal and State standards.	Chapter 9, Water and Wastewater Element
Utilities and the Urban Growth Area	Continue to prohibit extensions of the water distribution system outside of the Urban Growth Area (UGA) except to properties with a verified water supply of unsatisfactory quantity or quality. Continue to prohibit extensions of the sewer collection system outside of the Urban Growth Area (UGA), except to properties with a verified existing health hazard from an on-site sanitary sewer system.	Chapter 9, Water and Wastewater Element
Stormwater Collection	New development shall not increase the post-development peak runoff rate from the 1-year storm over the predevelopment peak runoff rate by more than 10 percent. Ensure that, in the Neuse River basin, new development limits nitrogen export to 3.6 pounds per acre per year. New development in watershed protection areas shall treat the first 1-inch of stormwater runoff.	Chapter 9, Water and Wastewater Element
Libraries	Provide at least 0.50 square feet of library space per capita, at least 3.00 books per capita, and provide facilities such that most County residents are within 5 miles of a library facility.	Chapter 14, Libraries Element
Parks and Recreation	Provide parks and recreation services and facilities in the City <u>in accordance with the Durham Parks and Recreation Plan, as amended. Table 10-1, Parks and Recreation Level of Service Standards.</u> In the County, continue to provide passive, nature-based recreational opportunities.	Chapter 10, Parks and Recreation Element
Schools	Provide public school facilities with a maximum enrollment of 110 percent of the system's maximum permanent building capacity, measured on a system-wide basis for each type of facility.	Chapter 11, Schools Element

Public Safety	<p>For City fire protection, maintain a seven <u>six</u> minute emergency response time for 90 percent of the calls <u>in the metropolitan/urban response area; eight (8) minutes in suburban and/or rural response areas</u>, which includes a turn out time of less than two <u>three</u> minutes for percent incident occurrences and four minutes of travel time for 90 percent of occurrences <u>in the metropolitan/urban response area; five (5) minutes in the suburban and/or rural response areas</u>. For County fire protection, maintain an 8 minute emergency response time for 80 percent of the calls and a turn out time of less than one minute for at least 90 percent of calls. For emergency medical services, maintain a County-wide response time of 8:59 or less. For City police protection, maintain adequate patrols to provide an average response time of 6:30 or less for Priority 1 calls. For County Sheriff's Office protection, maintain a ratio of sworn officers to the (non-City) County population of 1:229.</p>	Chapter 12, Public Safety Element
Solid Waste	<p>Provide disposal capacity sufficient to accommodate the City's needs. In the County, operate and maintain solid waste Convenience Centers to provide County residents a place to dispose of solid waste.</p>	Chapter 13, Solid Waste Element